IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Inventor

Carl K. Brunnett

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Examiner:

Anastasia Midkiff

Title:

Method and Apparatus for Improved Radiation Detection

Docket No :

PHUS030122US2 (PHC-10-6341)

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Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

September 4, 2008

AFTER FINAL AMENDMENT

Dear Sir:

In response to the final Office Action mailed July 11, 2008, please reconsider the aboveidentified application in view of the amendments and comments herein.

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 12 of this paper.

CERTIFICATE OF ELECTRONIC TRANSMISSION

I certify that this Amendment After Final is being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).

August 26 2008

Patricia a Heim

DEPOSIT ACCOUNT

The Patent Office is authorized to charge any fees associated with this filing to our deposit account no. 14-1270

Thomas M. Lundin, Reg. No. 48,979